

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"4758691".pn. or "4207571".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/16 08:18
S2	3	"5491670".pn. or "5440216".pn. or "5646494".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/13 18:31
S3	2	JP-08054926-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO;	ADJ	ON	2007/08/13 18:58
S4	1	JP-05341031-\$ did.	DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO;	ADJ	ON	2007/08/13 19:04
S5	2	JP-04210704-\$ did.	DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO;	ADJ	ON	2007/08/13 19:06
S6	1	JP-60213877-\$ did.	DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO;	ADJ	ON	2007/08/13 19:07
S7	2	JP-10332807-\$ did.	DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO;	ADJ	ON	2007/08/13 19:09
S8	1	JP-60107580-\$ did.	DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO;	ADJ	ON	2007/08/13 19:10
S9	1	JP-63266377-\$ did.	DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO;	ADJ	ON	2007/08/13 19:20
S10	12	kim-se-wan.in.	DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO;	ADJ	ON	2007/08/13 19:35

## EAST Search History

S11	111	Park-sung-II.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 19:35
S12	0	2005/0137748.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/14 14:17
S13	0	2005/0137748.did.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/14 14:18
S14	4	"814146".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/14 14:19
S18	42	(robot same (circumfer\$6 with sensor)).detd.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/15 14:51
S19	304	(robot same (charg\$4 with sensor)).detd.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/15 15:41
S20	22	((robot same (charg\$4 with sensor)) and vacuum).detd.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/15 15:49
S21	571	((robot same (charg\$4 )) and clean\$3).detd.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/15 15:50
S22	494	700/245.ccls. and charg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/15 18:02
S23	120	700/245.ccls. and dock\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/15 18:02
S24	226	(sonic sensor) same (position or circumference)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/16 08:26
S25	1	(sonic sensor) same (circumference)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/16 08:27

## EAST Search History

S27	3	(sonic sensor) same (circumferen\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/16 08:29
S30	5475	(ultrasonic) same ( circumferen\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/16 08:29
S31	74	((ultrasonic) same ( circumferen\$5 and robot))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/16 08:30